

INFORMAL REPORT OF NAVIGATION AND SAMPLE INDEX FOR

HYDROS EXPEDITION

LEG 5

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R/V Melville

(Issued April 1990)

Miami, Florida (1 May 1989)
to
Woods Hole, Massachusetts (23 May 1989)

Chief Scientist - F. Spiess (SIO)

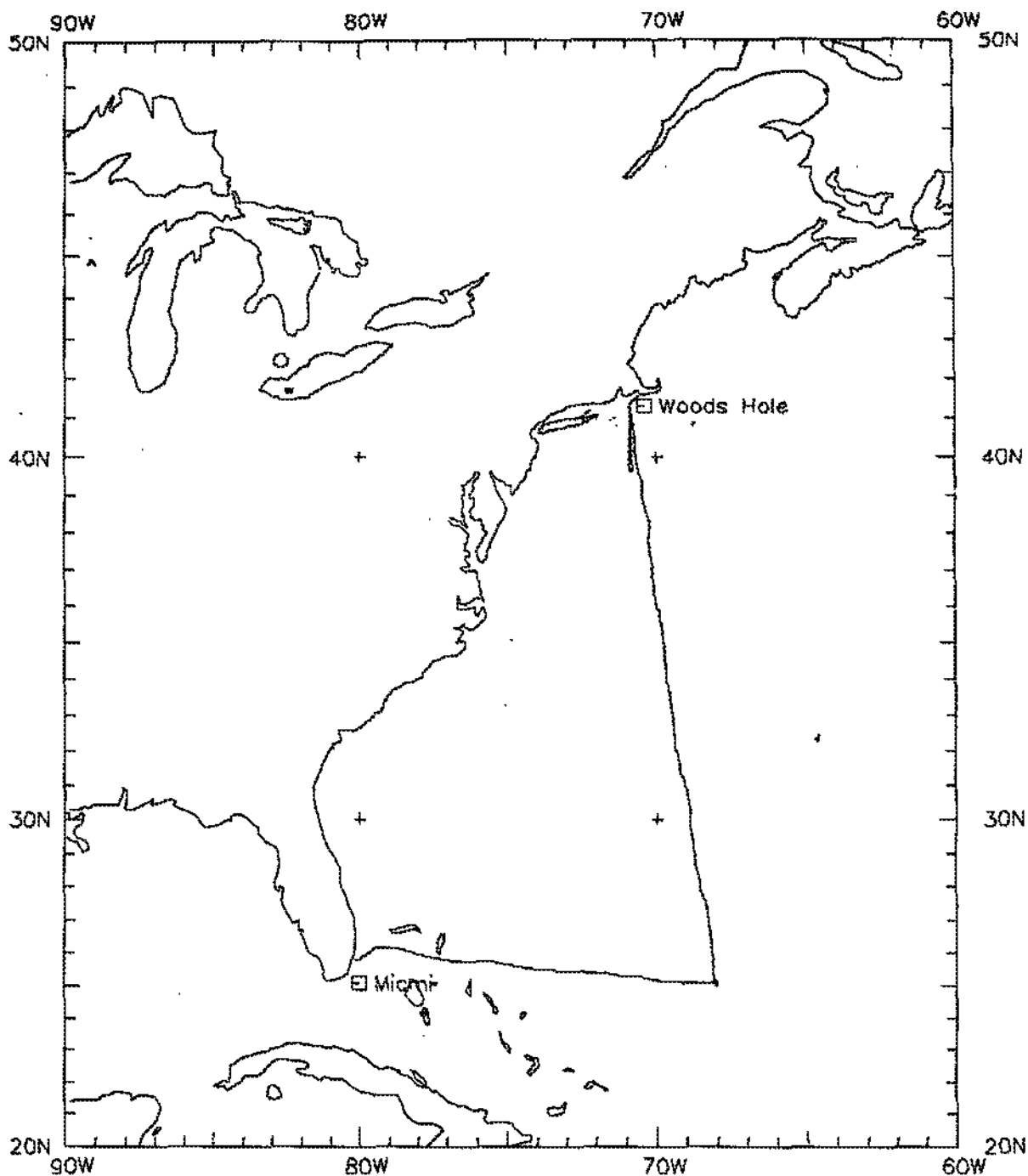
Resident Marine Technician - R. Comer

Post-Cruise Processing and Report Preparation
by Geological Data Center, Scripps Institution of Oceanography

Data Collection and Processing Funded by
ONR-0009 and 0064
JOI-JSC289

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# 244

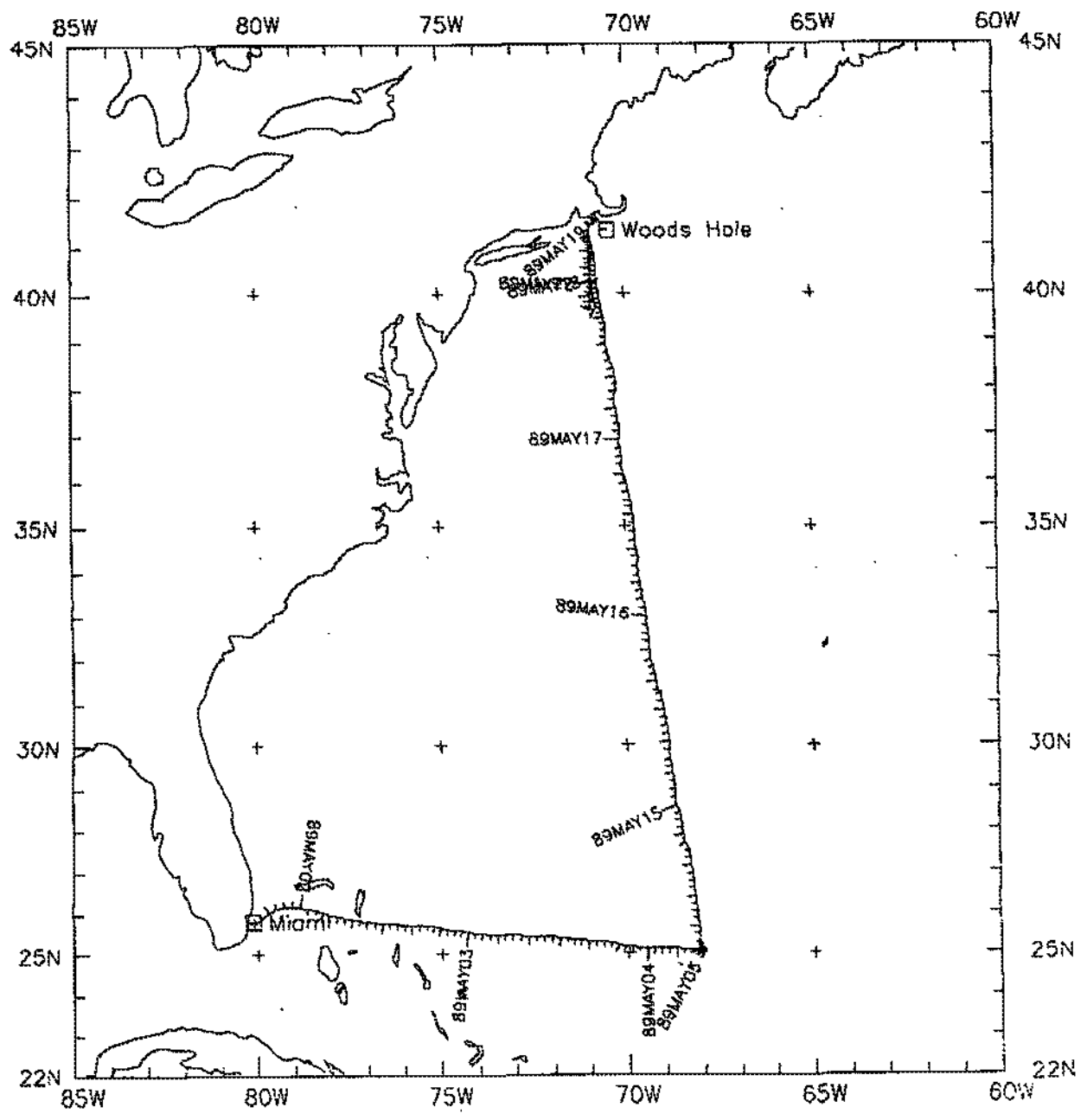


HYDROS EXPEDITION LEG 5

CHIEF SCIENTIST: F. Spiess (SIO)
 PORTS: Miami, Florida - Woods Hole, Massachusetts
 DATES: 1 - 23 May 1989
 SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 2226 miles
- 2) Bathymetry - none collected
- 3) Magnetics - none collected
- 4) Seismic Reflection - none collected
- 5) Gravity - none collected



S.I.O. SAMPLE INDEX

(Issued April 1990)

HYDROS EXPEDITION

Leg 5

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R/V Melville

Miami, Florida (1 May 1989)
to
Woods Hole, Massachusetts (23 May 1989)

Chief Scientist - F. Spiess

Scripps Institution of Oceanography

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the resident marine technician and processed on shore by the S.I.O. Geological Data Center shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending at another are entered on two consecutive lines. Disposition and sample type are represented by three and four character codes to permit further computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D.# 244

PORTS

1706	010589	LGPT B MIAMI, FLORIDA	25-470N	80-110W	FHYDRO5MV
1130	230589	LGPT E WOODS HOLE, MASS.	41-310N	70-400W	FHYDRO5MV
1200	180589	LGSS B WOODS HOLE, MASS.	41-310N	70-400W	FHYDRO5MV
1540	210589	LGSS E WOODS HOLE, MASS.	41-310N	70-400W	FHYDRO5MV

PERSONNEL

#	***NAME***	***TITLE***	***AFFILIATION***	**CRID**
PECS MPL	SPIESS, DR. F.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	HYDRO5MV
PESP WHO	STEPHEN, DR. R.	ASSIST. SCIENT.	WOODS HOLE	HYDRO5MV
PESP MPL	BOEGEMAN, T.	PR. DEV. ENG.	SCRIPPS INSTITUTION	HYDRO5MV
PERT STS	COMER, R. L.	RESIDENT TECH.	SCRIPPS INSTITUTION	HYDRO5MV
PECT STS	MOE, R.	COMPUTER TECH.	SCRIPPS INSTITUTION	HYDRO5MV
PESP MPL	BERNHARDT, R.	ASSIST. DEV. ENG.	SCRIPPS INSTITUTION	HYDRO5MV
PESP WHO	BOCCONCELLI, A.	ENGINEER	WOODS HOLE	HYDRO5MV
PESP MPL	LAWHEAD, R.	PROGRAMMER	SCRIPPS INSTITUTION	HYDRO5MV
PESP MPL	LOWENSTEIN, C.	SPECIALIST	SCRIPPS INSTITUTION	HYDRO5MV
PESP MPL	AUSTIN, G.	DEV. TECH.	SCRIPPS INSTITUTION	HYDRO5MV
PESP MPL	KRAUS, T.	TECHNICIAN	SCRIPPS INSTITUTION	HYDRO5MV
PESP MPL	HAMMER, P.	GRAD. STUDENT	SCRIPPS INSTITUTION	HYDRO5MV
PESP WHO	GOLDSBOROUGH, R.	ENGINEER	WOODS HOLE	HYDRO5MV
PESP WHO	GOULD, M.	MECH. TECH.	WOODS HOLE	HYDRO5MV
PESP WHO	KOELSCH, D.	ENGINEER	WOODS HOLE	HYDRO5MV
PESP WHO	LONGWORTH, S.	ELECTRONIC TECH.	WOODS HOLE	HYDRO5MV
PESP WHO	PEAL, K.	COMPUTER ENG.	WOODS HOLE	HYDRO5MV
PESP WHO	ZANI, C.	COMPUTER ENG.	WOODS HOLE	HYDRO5MV
PESP WHO	BERTEAUX, H.	SR. RES. SPEC.	WOODS HOLE	HYDRO5MV

NOTES

#AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO
 #SAMPLE OR DATA RECOVERED. A 'C' INDICATES CONTINUATION OF DATA COLLECTION
 #FROM BEFORE THE BEGINNING OR AFTER THE END OF A PARTICULAR LEG. (MOORED
 #BOTTOM INSTRUMENTS, FOR EXAMPLE.) THE NUMBER APPEARING IN THE COLUMNS
 #BETWEEN THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY SAMPLE
 #ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS. POSITIONS ARE IN TENTHS
 #OF MINUTES.

#GMT #TIME #	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
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LOG BOOKS

0100	020589		LBDT B	OPERATIONS LOG BOOK	MPL	26-060N	78-380W	sHYDRO5MV
2115	220589		LBDT E	OPERATIONS LOG BOOK	MPL	39-376N	70-471W	sHYDRO5MV

*** DRILL SITES ***

0001	060589		DHST B	HOLE 417D, THRUSTER	MPL	25-065N	68-027W	sHYDRO5MV
1040	110589		DHST E	AND CALIPER LOG	MPL	25-073N	68-021W	sHYDRO5MV
0820	130589		DHST B	HOLE 418A, THRUSTER	MPL	25-021N	68-034W	sHYDRO5MV
0307	140589		DHST E	AND CALIPER LOG	MPL	25-019N	68-036W	sHYDRO5MV

*** CORES ***

1040	110589		COXX	SEDIMENT SAMPLE 417D	MPL	25-073N	68-021W	sHYDR...
0307	140589		COXX	SEDIMENT SAMPLE 418A	MPL	25-019N	68-036W	sHYDR...

*** EXPENDABLE BATHYTHERMOGRAPHS ***

1353	030589		BTXP	XBT 0001 PROBE T-7	GDC	25-209N	71-303W	sHYDRO5MV
1229	040589		BTXP	XBT 0002 PROBE T-7	GDC	25-033N	68-036W	sHYDRO5MV
1159	050589		BTXP	XBT 0003 PROBE T-7	GDC	25-056N	68-023W	sHYDRO5MV
1340	060589		BTXP	XBT 0004 PROBE T-4	GDC	25-061N	68-035W	sHYDRO5MV
1138	070589		BTXP	XBT 0005 PROBE T-4	GDC	25-069N	68-026W	sHYDRO5MV
1150	070589		BTXP	XBT 0006 PROBE T-4	GDC	25-070N	68-026W	sHYDRO5MV
1450	090589		BTXP	XBT 0007 PROBE T-4	GDC	25-069N	68-036W	sHYDRO5MV
1335	100589		BTXP	XBT 0008 PROBE T-4	GDC	25-071N	68-024W	sHYDRO5MV
1455	110589		BTXP	XBT 0011 PROBE T-4	GDC	25-020N	68-030W	sHYDRO5MV
1316	120589		BTXP	XBT 0012 PROBE T-4	GDC	25-024N	68-019W	sHYDRO5MV
1602	140589		BTXP	XBT 0013 PROBE T-4	GDC	27-088N	68-207W	sHYDRO5MV
1609	140589		BTXP	XBT 0014 PROBE T-4	GDC	27-101N	68-210W	sHYDRO5MV
1233	150589		BTXP	XBT 0017 PROBE T-7	GDC	30-563N	69-040W	sHYDRO5MV
1249	160589		BTXP	XBT 0018 PROBE T-7	GDC	35-247N	69-502W	sHYDRO5MV
1210	170589		BTXP	XBT 0019 PROBE T-7	GDC	38-588N	70-301W	sHYDRO5MV
2139	220589		BTXP	XBT 0020 PROBE T-7	GDC	39-377N	70-464W	sHYDRO5MV

**** END SAMPLE INDEX